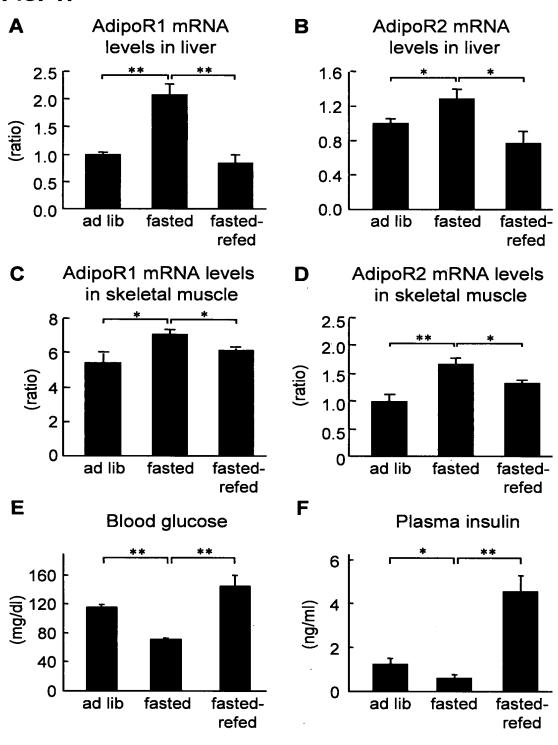
Fig. 1.



STZ+ STZ+ saline insulin STZ+ insulin AdipoR2 mRNA levels in skeletal muscle Blood glucose * * * * saline non-STZ STZ+ non-STZ STZ+ * * 600 F (lb/gm) 20 20 (ratio) Ω $\mathbf{\omega}$ STZ+ insulin AdipoR1 mRNA levels n.d. STZ in skeletal muscle Plasma insulin STZ+ saline non-STZ non-STZ (lm\gn) 80 0.00 1.2 0.0 **12**Γ (oitsr) ∞ 4 FIG. 2. ပ

Fig. 3. AdipoR1 mRNA levels AdipoR2 mRNA levels in hepatocytes in hepatocytes 1.1_f 1.1 0.9 0.9 0.7 0.7 0.5 0.5 10-7 insulin(M) 0 insulin(M) 10⁻⁷ 0 C AdipoR1 mRNA levels D AdipoR2 mRNA levels in C2C12 cells in C2C12 cells 0.05 1.2 (age) 0.04 1.0 0.03 0.8 0.6 0.02 10⁻⁸ insulin(M) 0 0 10-8 insulin(M) 0 10-8 10⁻⁸ LY PD LY PD 294002 98059 294002 98059 AdipoR1 mRNA levels AdipoR2 mRNA levels in C2C12 cells in C2C12 cells 1.8 0.06 1.5 (ratio) 0.04 1.2 0.9 0.6 0.02 10-8 0 <u> 10⁻⁸</u> 10-8 10-8 insulin(M)_ 0 insulin(M) 0

LacZ

Foxo1(ADA)

LacZ

Foxo1(ADA)

